

## RoboShow: Team Meeting Agenda

1/27/2014

### 1. Updates:

- Safety System – Has it shipped? What do we need to set it up? Can we pre-wire anything to get ready to install?
- Enclosure – Updates from Friday? FEA?
- Autonomous Mode – We got it running from point to point in auto, explored programming it on the pendent, still need to operate it using wincaps.
- Computer in GJ 240 – We got the computer networked and running. It has wincaps and orin installed. If necessary, the password for programmer is “megj240”

### 2. Topics:

- Enclosure: We need to finalize the design ASAP
  - Add Drop in flooring
  - Figure out final configuration of base supports
  - FEA analysis on structure and bracket
  - Look at integrating the safety system latch into CAD model
  - BOM
  - Run final design by Wolbrecht and Santora by xx/xx/2014?
- WinCaps: Now that it's installed we need to figure out:
  - Basic command syntax in the programming language
  - How to upload to the Controller/Pendent
  - How to run program once uploaded
  - How to edit on the pendent
  - Document all procedures for future reference (Maybe in powerpoint with picutres/screencaps for now???)
- End Effector
  - Vision/End Goal for demonstration
  - Audience
  - Ideas!!!

### 3. Action Items:

## RoboShow: Team Meeting Agenda

2/3/2013

### 1. Updates:

- Wiki Page Updates – Another meeting this week
- Safety System – Came in last week, any updates?
- Drop in flooring
- Base Supports
- BOM
- Wiring Diagram
- Pendant Program Running
- Check with professors

### 2. Topics:

- Enclosure: Next steps
  - Did professors approve design?
  - Budget Updates
  - Machining Parts
  - Paneling w/o brackets (David's Idea)
  - Timeline
- WinCaps/Pendent
  - Did we get connection between computer/controller?
  - Do we know how to run programs? Documentation?
  - Next steps
- End Effector/ Demonstration
  - Finalize Demonstration list?
  - Work on CAD models of hands
  - Do we want to make our own coupling or use Boeing's?
  - Start working on controller programs?

### 3. Action Items:

## RoboShow: Team Meeting Agenda

2/10/2013

### 1. Updates:

- Wiki Page Updates
- Safety System
- Wiring Diagram
- Enclosure – approved
- Polycarbonate – ordered?
- Hand Designs

### 2. Topics:

- Enclosure: Next steps
  - Did professors approve design?
  - Machining Parts?
  - Ordered 8020?
- WinCaps/Pendent
  - Connect computer to controller
  - Documentation?
  - Codes?
  - Next steps
  - Extra teaching pendants?
- End Effector/ Demonstration
  - Demonstrations?
  - Demonstration goals
  - Gripper designs
- Design Review

### 3. Action Items:

## RoboShow: Team Meeting Agenda

3/3/2014

### 1. Updates:

- Wiki Page – Advisor Review?
- Shipping Updates? (I/O's and 80/20)
- Purchased End Effector Research
- Maker Board - Done

### 2. Topics:

- WinCaps/Pendent
  - Connected Computer to Pendent
  - Direct connection to controller?
  - New Programs (other than writing)?
- End Effector/ Demonstration
  - Research
  - Cost
  - Styles
  -
- EXPO
  - Register by 7<sup>th</sup>
  - What do we want to display
    - Robot
    - Pictures
    - Video
    - Etc.....
  - Team/Project Description for EXPO approved by today.....
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### 3. Action Items:

## RoboShow: Team Meeting Agenda

3/10/2014

### 1. Updates:

- Shipping Updates? I/O's here, 80/20 here, Poly not picked up yet
- End Effector Status?
- 80/20 Mostly Cut
- Registered for EXPO
- Others?
- Bryce said we can move robots is David Eld is okay with it.....

### 2. Topics:

- WinCaps/Pendent
  - Did we get Videos for Snap Shot?
  - New Programs (other than writing)?
  - Others?
- End Effector/ Demonstration
  - Purchasing? Do we have money?
  - Program written?
- SNAP Shot
  - Tomorrow at normal class time
  - Bring Robot down with pendent and safety controller
  - Poster Meeting?
  - Laptops for Videos (People to Volunteer)
  - Shifts
  - Renders
- Enclosures
  - Goals before Spring Break
    - Our timeline states one build by end of March
  - Potential Issues
    - 3D printer broken currently

### 3. Action Items:

